

**A METHOD FOR INSERTING GLOBAL BREAKPOINTS**

ABSTRACT

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A method, an apparatus, and a computer program product for inserting one or more global breakpoints for debugging computer software are disclosed. A method, an apparatus, and a computer program product for removing one or more global breakpoints for debugging computer software are also disclosed. The inserting method includes the steps of:

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inserting a global breakpoint in a page containing software code if the page is present in memory; reading the page into memory if not present in memory, and inserting a global breakpoint in the page immediately after being read into memory; and detecting a private copy of the page if present, and inserting a global breakpoint in the private copy.

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